

Delaware Department of Transportation

QUESTIONS AND ANSWERS

T201507407.01

BR 1-717 ON I-95 NB OVER SR1, NEW CASTLE COUNTY

Wednesday, February 03, 2016

Q #	Question	Answer
Monday, February 01, 2016		
9	Note #9 on Plan Sheet 7 mentions Portable PCC Structure Mounted Barrier to be used across the bridge deck. Typically when this item is required there are bid items for Furnish and Relocate Items 743013 and 743014 respectively. Can you please consider adding them to the contract?	Item 743013 was added in Addendum No. 1. No need for item 743014 as mounted barrier is used only in phase 2.
8	Upon field review of this project location and existing timber shielding that is currently in place under the bridge (under Demolition Notes, Plan Sheet 7) we have found that the plans are not correct. There is not shielding present under spans L and P for the entire width of Stringers 13 through 26 and there also is not shielding present in Spans M and N for Stringers 24 to 26. Please verify the accuracy of the Demolition Note in the plans and revise accordingly.	Notes and Specifications revised to reflect field findings in Addendum No. 1.
7	In the Specification for 605522 – Urethane Paint System, Existing Steel, (Special Provision pg 85) Description is for painting of new angles and channels that get installed, however, the first sentence under “Construction Methods” states that all structural steel members, railings, fascia, downspouts and other miscellaneous steel items that have previously been painted be cleaned and painted. This would imply that the entire bridge is being cleaned and painted. As we believe that this is not the intent of the contract can you please clarify the scope by editing this Special Provision appropriately?	<p>The paragraph under Description of SP 605522 (page 85) defines the work to be executed in this contract and should remain as written.</p> <p>The first sentence under Construction Methods (page 86) stating “All structural steel members....” Shall be revised to read, “All structural steel described above shall be cleaned and painted.”</p> <p>This change is included in Addendum 1.</p>

Q #	Question	Answer
Friday, January 29, 2016		
6	The detour plan calls for use of Temporary Barricades, Type III (743023), but there is no line item for payment? There is a line item for Barricade Lights, Type B (743501). The state quit using barricade lights years ago. Are barricade lights going to be used again?	Type B warning lights will be removed from the contract by addendum. The quantities will be changed by addendum to add the signs, Type III Barricades, plastic drums, and portable changeable message signs necessary for the detour plan.
Wednesday, January 27, 2016		
5	On certain skewed end panels, is it possible to use mechanical rebar splicers in lieu of extended reinforcing, at least for some of the bars, to alleviate the complexity of formwork at those areas?	DelDOT approved mechanical couplers may be allowed for transverse reinforcing bars only extending from P/C panels along the skewed face of panels designated L1 thru L14, M1 thru M7, M15 thru M21, N1 thru N7, N15 thru N21 and P1 thru P14 as shown on sheet no's 16, 21 and 22 of 64. No more than half the number of bars may receive mechanical couplers per panel. Also, any bar bends as shown in the Reinforcement Schedules shall remain unchanged. The cost of the couplers shall be considered incidental to Pay Item No. 602568 – Precast Deck Panels.
4	Please clarify the specification about wet-curing of the precast panels. The spec reads "Wet cure the panels by covering all exposed surfaces with wet burlap...et al". Technically, all surfaces will be "exposed" once the panels are stripped from the molds. Is it the intent that even the underside of the panels, while they are in storage during the 14 day cure, be "covered" by the wet burlap etc...?	Yes, it is anticipated that all exposed surfaces, including the bottom surface or underside, receive the 14-day wet curing following the removal of the forms.
Wednesday, January 20, 2016		
3	Is it the Department's intention to sawcut-groove the deck after application of the polyester polymer concrete overlay?	The Standard Special Provision for Item 602733-THIN POLYMER OVERLAY (see Page 79 – Construction Methods, Paragraph C.3 – Finishing and Texturing) indicates that manual texturing shall be used in accordance with Section 602.20.c-2 of the Standard Specifications. Therefore, mechanical grooving (i.e. sawcutting) would not be allowed.

Q #	Question	Answer
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Thursday, January 14, 2016

2	Is the requirement for a 14 day wet cure process correct? The specification seems to indicate that the panels must remain in their forms for the entire wet cure process, which will make the production schedule extremely long unless many forms are used. Please clarify the intent of this requirement. Also, the same spec, if indeed applicable, indicates that a saturated condition must be maintained for 14 days, plus/minus 7 days...is this correct?	Yes, the wet cure is to remain the full 14 days. The “±7 days” at the end of the paragraph is a typographical error and should be ignored. The panels may be removed from the forms after they have achieved a compressive strength of 1000psi as stated in the subsequent paragraph.
1	Is NPCA certification of the precast plant acceptable in lieu of PCI certification?	Yes. The Department will accept NPCA plant certification for the manufacture of the precast deck panels.